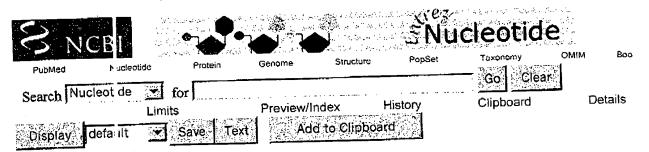
Exhibit 8



1: NM_0014(0. Homo sapiens endo... [gi:13027635]

Related Sequences, OMIM, Protein, PubMed, Taxonomy. UniŞT\$, LinkOut

PRI 16-FEB-2001 linear mRNA2753 bp NY: 001400 Homo sapiens endothelial differentiation, sphingolipid LOCUS DEFINITION

G-protein-coupled receptor, 1 (EDG1), mRNA.

NN: 001400 ACCESSION

Nt 001400.2 GI:13027635 VERSION

KEYWORDS

hı man. SOURCE

Homo sapiens ORGANISM

En karyota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 2753) REFERENCE

H. a, T. and Maciag, T. An abundant transcript induced in differentiating human endothelial AUTHORS TITLE

cells encodes a polypeptide with structural similarities to

G-protein-coupled receptors

Biol. Chem. 265 (16), 9308-9313 (1990) JOURNAL

90:264425 MEDLINE

(bases 1 to 2753) REFERENCE

Au, S., Bleu, T., Huang, W., Hallmark, O.G., Coughlin, S.R. and AUTHORS

Guetzl, E.J.

Identification of cDNAs encoding two G protein-coupled receptors TITLE

for lysosphingolipids

FIBS Lett. 417 (3), 279-282 (1997) JOURNAL

9::072391 MEDLINE

3 (bases 1 to 2753) REFERENCE

Lee, M.J., Van Brocklyn, J.R., Thangada, S., Liu, C.H., Hand, A.R., AUTHORS

Menzeleev, R., Spiegel, S. and Hla, T.

Sphingosine-1-phosphate as a ligand for the G protein-coupled TITLE

receptor EDG-1

Science 279 (5356), 1552-1555 (1998) JOURNAL

9:155258 MEDLINE

R:VIEWED REFSEQ: This record has been curated by NCBI staff. The COMMENT

reference sequence was derived from AF233365.1, M31210.1. On Feb 21, 2001 this sequence version replaced gi:4503454.

Summary: The protein encoded by this gene is structurally similar

to G protein-coupled receptors and is highly expressed in

endothelial cells. It binds the ligand sphingosine-l-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell

a lhesion. C)MPLETENESS: complete on the 3' end.

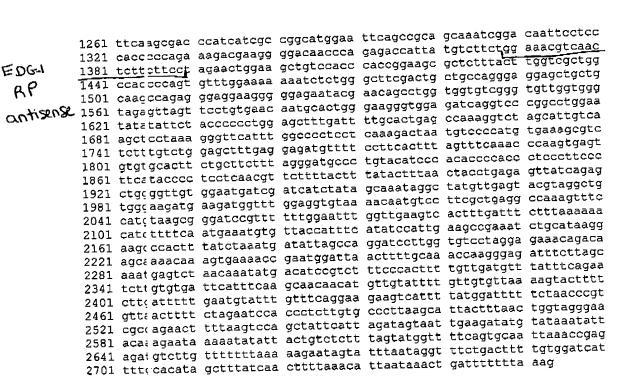
Location/Qualifiers **FEATURES**

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NCBI Sequence Viewer
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Revised: October 24, 2001.

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